Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A biometric sensing system, comprising:
a surface acoustic wave sensor; and
a ~~distortion feature~~ modifier which causes the sensor to output a distorted print signal.

2. (New) The system of claim 1, wherein the modifier is a transfer function of the sensor.

3. (New) The system of claim 2, wherein the transfer function generates the print signal by distorting a print detected by the sensor in a predetermined manner.

4. (New) The system of claim 1, wherein the modifier is a frequency of an excitation signal input into the sensor.

5. (New) The system of claim 4, wherein the distorted print signal is generated by the sensor based on the excitation signal frequency.

6. (New) The system of claim 1, wherein the modifier is a mask pattern coupled to the sensor.

7. (New) The system of claim 6, wherein the print signal is indicative of a print which is distorted by the mask pattern in a predetermined manner.

8. (New) The system of claim 6, wherein the mask pattern is included on a film placed over a print detecting surface of the sensor.

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9.   (New) The system of claim 8, wherein the mask pattern includes one or more projections which deform a piezoelectric material in the sensor.

10.   (New) The system of claim 9, wherein the print signal represents a print which is distorted by the one or more projections in the mask pattern.

11.   (New) The system of claim 6, wherein the mask pattern is formed on a piezoelectric layer of the sensor.

12.   (New) The system of claim 11, wherein the mask pattern is permanently formed on the piezoelectric layer.

13.   (New) The system of claim 11, wherein the mask pattern is temporarily formed on the piezoelectric layer.

14.   (New) The system of claim 1, wherein the print is one of a fingerprint, thumb print, or palm print.

15.   (New) A sensor, comprising:
       a detecting surface; and
       a modifier which modifies a print detected by the detecting surface.

16.   (New) The sensor of claim 15, wherein the sensor is an surface acoustic wave sensor.

17.   (New) The sensor of claim 16, wherein the modifier is a predetermined transfer function of the sensor.

18.   (New) The sensor of claim 16, wherein the modifier is a frequency of an excitation signal input into the sensor.

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19.   (New) The sensor of claim 15, wherein the modifier is a mask pattern.

20.   (New) The sensor of claim 19, wherein the mask pattern is formed on a piezoelectric layer of the sensor.

21.   (New) The sensor of claim 19, wherein the mask pattern is positioned between the detecting surface and the print.

22.   (New) The sensor of claim 15, wherein the print is one of a fingerprint, thumb print, and palm print.

23.   (New) A method for providing biometric information, comprising:
        modifying a print; and
        forming a distorted print signal from the modified print.

24.   (New) The method of claim 23, wherein modifying the print includes:
        detecting the print with a surface acoustic wave sensor having a preselected transfer function.

25.   (New) The method of claim wherein modifying the print includes:
        detecting the print with a surface acoustic wave sensor which operates based on a predetermined excitation frequency.

26.   (New) The method of claim 23, wherein modifying the print includes:
        providing a mask pattern between the print and a detecting area of a surface acoustic wave sensor, said sensor outputting the distorted print signal based on a combination of the print and mask pattern.

27.   (New) The method of claim 23, wherein modifying the print includes:
        forming a pattern on a piezoelectric layer of a surface acoustic wave sensor, said sensor outputting the distorted print signal based on a combination of the print and pattern.

28.   (New) The method of claim 23, wherein the print is one of a fingerprint, thumb print, and palm print.

29.   (New) A method for generating biometric information, comprising:
        combining two degrees of uniqueness, wherein the first degree of uniqueness is a

print and the second degree of uniqueness is a print modifier.